

Converting Colors

`RYB(228, 244, 155)`

Have a look what the booklet for
RYB(228, 244, 155) contains.

RYB(228, 244, 155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(228, 244, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F4CC9B
RGB	244, 204, 155
RGB Percent	96%, 80%, 61%
CMY	0.0431, 0.2004, 0.3922
CMYK	0.00, 0.16, 0.36, 0.04
HSL	33°, 80%, 78%
HSV	33°, 36%, 96%
XYZ	64.7926, 64.7355, 40.0906
YIQ	210.3740, 39.5690, -6.7590

Conversions

Conversions Part 2

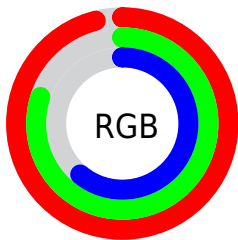
Format	Color
RYB	228, 244, 155
Decimal	16043163
CIELab	84.35, 7.52, 29.66
CIELCh	84, 30.602, 75.783
Yxy	64.7355, 0.3820, 0.3817
Android (android.graphics.Color)	4294233243 (0xFFF4CC9B)
YUV	210.3740, -27.2994, 29.4900
Hunter-Lab	80.4584, 2.9426, 26.7780

Details

The RYB color **228, 244, 155** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155, 183, 244**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **210, 255, 210**, and **167, 186, 103** is the 20% darker color. If you saturate the color by 10%, you get **224, 244, 131**, and if you desaturate by 10%, it is **231, 244, 179**.

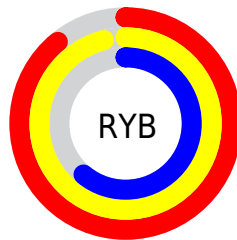
Distribution



Red (96%)

Green (80%)

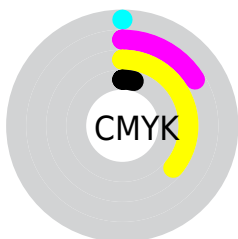
Blue (61%)



Red (89%)

Yellow (96%)

Blue (61%)

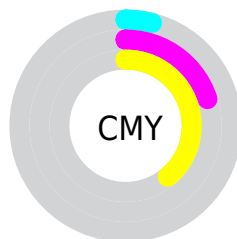


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (4%)



Cyan (4%)

Magenta (20%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 244, 155 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 228, 244, 155 by changing the saturation by 10% instead.

 228, 244, 155

255, 255, 255

 210, 255, 210

 238, 255, 238

 228, 244, 155

 200, 215, 129

 167, 186, 103


 139, 158, 79

 110, 131, 55

 84, 105, 33

 52, 79, 10

 40, 55, 0

 31, 13, 0

 0, 0, 0

■ 228, 244, 155

■ 228, 244, 155

■ 224, 244, 131

■ 231, 244, 179

■ 219, 244, 106

■ 237, 244, 204

■ 215, 244, 82

■ 240, 244, 228

■ 210, 244, 57

■ 244, 247, 253

■ 206, 244, 33

■ 244, 250, 255

■ 202, 244, 9

■ 200, 244, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 205, 170



228, 244, 155



158, 216, 155

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 244, 155



127, 178, 227



234, 198, 251

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



228, 244, 155



155, 183, 244

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



196, 206, 255



228, 244, 155



128, 182, 251

Square

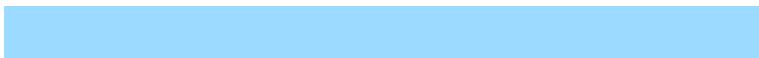
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228, 244, 155



151, 198, 226



156, 194, 255



255, 191, 225

Rectangle

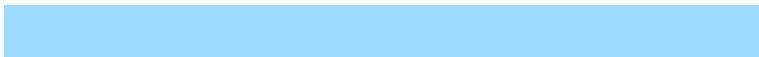
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228, 244, 155



163, 219, 188



156, 194, 255



222, 201, 255

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



228, 244, 155



251, 255, 227



244, 155, 197



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 244, 155



237, 255, 143



155, 244, 158



119, 122, 110



153, 186, 0



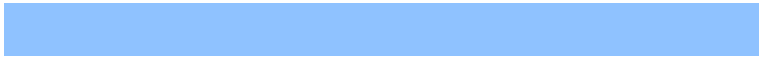
50, 59, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



155, 183, 244



143, 178, 255



158, 155, 244



110, 114, 122



0, 58, 186



0, 18, 59

Previews

White Background



This preview shows how the RYB color 228, 244, 155 looks on a white background.

Color Contrast Check

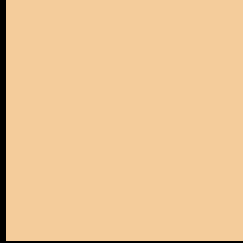
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 228, 244, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

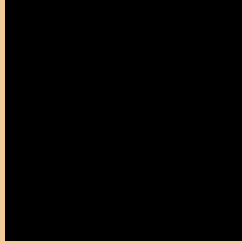
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 228, 244, 155 Background



This preview shows how black text looks on a background with the RYB color 228, 244, 155.




This preview shows how white text looks on a background with the RYB color 228, 244, 155.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
250, 196, 212

Trichromacy



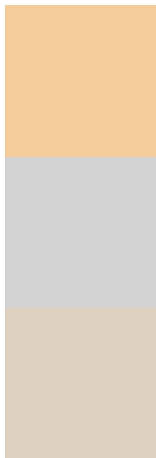
Original Color
228, 244, 155

Protanomaly
194, 233, 157

Deuteranomaly
239, 247, 155

Tritanomaly
248, 200, 191

Monochromacy



Original Color
228, 244, 155

Achromatopsia
210, 210, 210

Achromatomaly
215, 222, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 244, 155 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(244, 204, 155) looks like.

```
.text, #text, p{  
    color:rgb(244, 204, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 204, 155) }
```

Border

The CSS property to change the border of an element to RYB 228, 244, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 204, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(244, 204, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 204, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 204, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 204, 155);  
box-shadow:4px 4px 4px 4px rgb(244, 204,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 228, 244, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 204, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
204, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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